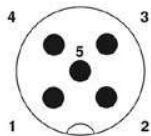


DATASHEET

Pass-through - Electrical - Cable - M12/5pin



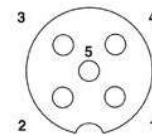
Part number: WM1-A-13-...



Gender male (M)

Pos.	Wire
1	BN
2	WH
3	BU
4	BK
5	GN/YE (Grey)

Orientation pin (rotation) can be different from the picture. Cables can be with green or black cap.
Conn. angle 90 deg => L-Shaped
Conn. angle 0 deg => I-Shaped



Gender female (F)

Cables

Cable PN	Fits to WINGMAN™ module PN		Cable connector A (Intended for WINGMAN™ module)						Length [m]	Cable connector B (Intended for robot or tool end)					
	WM1-A-09-01-01a	WM1-A-09-02-01a	Type	Pins	Gender	Rotation (deg.)	Code	Conn. angle (deg.)		Type	Pins	Gender	Rotation (deg.)	Code	Conn. angle (deg.)
WM1-A-13-02-01	A	-	M12	5	F	0	A	90	5	Open-end					
WM1-A-13-02-02	-	A	M12	5	M	0	A	90	5	Open-end					
WM1-A-13-01-01	(B)	A	M12	5	M	0	A	90	0,3	M12	5	F	0	A	0
WM1-A-13-01-04	A	(B)	M12	5	F	0	A	90	0,3	M12	5	M	0	A	0

(B) = Not recommended to use this cable end to connect to the WINGMAN™ module because this connector end is I-shaped (Conn. angle = 0 deg.) which takes up more space and therefore risk of collision with the robot arm is greater.

(Cable length may vary up to 5-10%)